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program title, and data channel information. The receiver 12 can also receive S-band signals from a terrestrial source when the satellite signals are not available. The receiver unit 12 comprises a radio frequency (RF) front-end receiver 18 for receiving, and demodulating the signals received via an S-band antenna 20 for output via the A/D and audio decoder system 16. It will be understood that the output of the front-end receiver 18 is a digital audio signal (which may or may not be encrypted) and that the A/D and audio decoder system 16 includes suitable digital-to-analog conversion circuitry for producing an analog audio output signal for output to speaker 17.--

IN THE CLAIMS:

Please amend claims 1, 10 and 13 as follows:

1. (Fourth Amendment) An apparatus for recording and playing a digital signal, comprising:

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a receiver for receiving an encrypted digital signal comprising a digital audio radio service broadcast segment comprising auxiliary data operable to identify a beginning of said broadcast segment, said auxiliary data being embedded in said encrypted digital signal prior to said signal being received;

a buffer connected to said receiver for storing at least part of said digital signal as it is being received;

a recorder connected to said receiver for recording onto a first recording medium said encrypted digital signal in response to a user request if a beginning of said broadcast segment is in said buffer;

a player for playing said first recording medium and connected to a card reader; and

a card having a predetermined value for insertion into said card reader;
wherein when said card is inserted into said card reader, said card reader verifies that said predetermined value is at least a selected minimum value and authorizes said player to decipher said encrypted digital signal from said first recording medium and to record said deciphered signal onto one of said first recording medium and a second recording medium.

10. (Fourth Amendment) A method for recording and playing digital signals, comprising:

receiving an encrypted digital signal comprising a digital audio radio service broadcast segment comprising auxiliary data operable to identify a beginning of said broadcast segment, said auxiliary data being embedded in said encrypted digital signal prior to said signal being received;

storing said encrypted digital signal in a buffer as it is being received;

determining whether a beginning of said broadcast segment is in said buffer in response to a user request to record said encrypted digital signal;

recording said encrypted digital signal onto a first recording medium in a recorder and player device if said beginning of said broadcast segment is stored in said buffer;

inserting a card having at least a predetermined value into said recorder and player device;

determining that said predetermined value corresponds to at least a selected minimum value; and

E³ deciphering said encrypted digital signal and recording said deciphered signal onto one of said first recording medium and a second recording medium if said card has said selected minimum value.

13. (Fourth Amendment) A method for recording and playing an encrypted digital audio broadcast signal, comprising:

E⁴ receiving an encrypted digital audio radio service broadcast signal comprising a digital audio broadcast segment comprising auxiliary data operable to identify a beginning of said broadcast segment, said auxiliary data being embedded in said encrypted digital signal prior to said signal being received;

storing at least part of said encrypted digital audio broadcast signal in a buffer as it is being received;

electing to record said encrypted digital audio broadcast signal onto a first recording medium;

determining whether said beginning of said broadcast segment is in said buffer; and

recording said encrypted digital audio broadcast signal onto said first recording medium if said beginning of said broadcast segment is stored in said buffer.

REMARKS

Reconsideration and allowance of the above-identified application are respectfully requested. Upon entry of this Amendment, claims 1-20 will be pending.